

Message

From: Rumrill, Nancy [Rumrill.Nancy@epa.gov]
Sent: 11/5/2018 5:46:22 PM
To: Dan Johnson [DanJohnson@florencecopper.com]
CC: Albright, David [Albright.David@epa.gov]
Subject: RE: Description for using 316L stainless steel adaptors in PTF Wellfield

Thanks, Nancy

~~~~~  
Nancy Rumrill ([rumrill.nancy@epa.gov](mailto:rumrill.nancy@epa.gov))  
Drinking Water Protection Section (WTR-3-2)  
US EPA, Region IX  
75 Hawthorne St.  
San Francisco, CA 94105  
Phone (415) 972-3293

---

**From:** Dan Johnson <DanJohnson@florencecopper.com>  
**Sent:** Monday, November 5, 2018 7:07 AM  
**To:** Rumrill, Nancy <Rumrill.Nancy@epa.gov>  
**Cc:** Albright, David <Albright.David@epa.gov>  
**Subject:** RE: Description for using 316L stainless steel adaptors in PTF Wellfield

Good Morning Nancy,

Please see attached email sent on 11/01 that addressed that question. Please let me know if you needed additional information on this description.

Best Regards,

**Dan Johnson** VP | General Manager



Florence Copper Inc.  
1575 W. Hunt Highway Florence AZ USA 85132  
C 520-233-1930 T 520-374-3984 F 520-374-3999  
E [danjohnson@florencecopper.com](mailto:danjohnson@florencecopper.com) Web [florencecopper.com](http://florencecopper.com)

---

**From:** Rumrill, Nancy [<mailto:Rumrill.Nancy@epa.gov>]  
**Sent:** November-02-18 3:12 PM  
**To:** Dan Johnson  
**Cc:** Albright, David  
**Subject:** RE: Description for using 316L stainless steel adaptors in PTF Wellfield

Hi Dan,

The injection wells also have 316L stainless steel casing between FRP to PVC adaptor and the PVC screen. This was not included in the proposed. Please provide a reason for that casing.

Thanks, Nancy

~~~~~  
Nancy Rumrill (rumrill.nancy@epa.gov)
Drinking Water Protection Section (WTR-3-2)
US EPA, Region IX
75 Hawthorne St.
San Francisco, CA 94105
Phone (415) 972-3293

From: Dan Johnson <DanJohnson@florencecopper.com>
Sent: Thursday, November 1, 2018 5:53 PM
To: Rumrill, Nancy <Rumrill.Nancy@epa.gov>
Cc: Albright, David <Albright.David@epa.gov>
Subject: Description for using 316L stainless steel adaptors in PTF Wellfield

Hi Nancy,

Per our earlier conversation, below is a description for using 316L stainless steel adaptors in PTF wells:

Adaptors fabricated from 316L stainless steel were used to transition between F480 flush-threaded PVC casing and API 8 round thread fiberglass casing in the recovery, injection, observation and Westbay wells. These adaptors required custom machining due to the use of both F480 and API 8 threads on each piece. Stainless steel (316L) solid round bar was used to machine these parts as this material was readily available while also having the chemical resistance required for acidified raffinate and pregnant leach solution. Stainless steel couplings are also much stronger than comparable couplings made of PVC or fiberglass material.

Please let me know if there are any questions on this description.

Best Regards,

Dan Johnson VP | General Manager



Florence Copper Inc.
1575 W. Hunt Highway Florence AZ USA 85132
C 520-233-1930 T 520-374-3984 F 520-374-3999
E danjohnson@florencecopper.com Web florencecopper.com

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (778-373-4533) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Taseko Mines Limited or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Taseko Mines Limited nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."

"Notice Regarding Transmission

This message is intended only for the person(s) to whom it is addressed and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination or copying of this communication is prohibited. Please notify us of the error in communication by telephone (778-373-4533) or by return e-mail and destroy all copies of this communication. Please note that any views or opinions presented in this email are solely those of the author and do not necessarily represent those of Taseko Mines Limited or any affiliated or associated company. The recipient should check this email and any attachments for the presence of viruses. Neither Taseko Mines Limited nor any affiliated or associated company accepts any liability for any damage caused by any virus transmitted by this email. Thank you."